



BIOLOGICAL SAFETY CABINET - CLASS 2

USE AREA

Through the manipulation of micro-organisms or products of pathogens, it should implement a protection of the operator and the environment. Ambient air is drawn directly through perforations located towards the work plan. It does not contaminate the clean room air handling. He then joined the latter contaminated air. These combined air are then returned to about 32% outward job security, to advance through a HEPA filter to protect the operator and 68% to the working chamber also passing through a HEPA filter to protect the elements manipulated. The air inflow and downflow combined and form an effective barrier preventing contaminated air from entering the working chamber but also contaminated air out of the chamber.

CONFORMITY

- Performance security post: EN 12469.
- Air Quality: ISO 14644-1 Class 3.
- Filtration: EN 1822 (H14), IEST-RP-CC034, IEST-RP-CC007 and IEST-RP-CC001 norms.
- Electrical Safety: IEC 61010-1 and EN 61010-1 norms.

ADVANTAGES

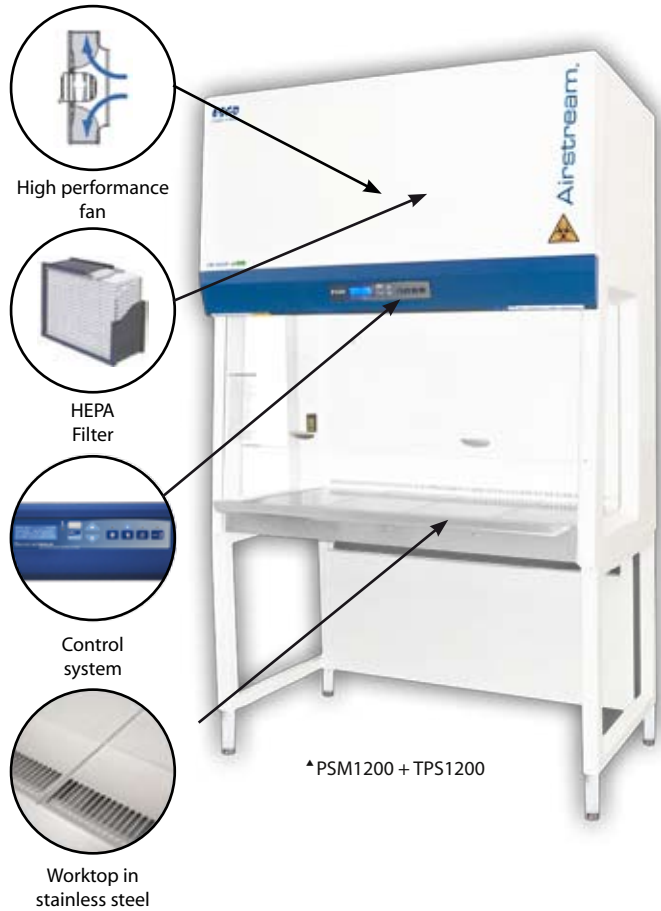
- HEPA filter with a filtration efficiency of 99.999% of particles between 0.1 and 0.3 microns by providing increased protection.
- Plan of multi-piece stainless steel work allows access to simplify the work surface to be decontaminated.
- Large opening of the protective glass improving access to the area of handling without compromising safety.
- UV absorbing tempered glass (5mm), colorless and transparent.

TECHNICAL SPECIFICATIONS

- Built in galvanized steel with antimicrobial epoxy paint.
- Worktop in stainless steel.
- Walls transparent tempered glass.
- Control panel including the speed of air flow.

ADDITIONAL OPTIONS - Contact us

- UV germicidal lamp • Electrical outlets • Faucet small diameter for water, gas or vacuum tube • Tabular table.



P/N		PSM900	PSM1200	PSM1500
Outside dimension	H	1400	1400	1400
	W	1035	1340	1645
	D	753	753	753
Inside dimension	H	660	660	660
	W	915	1220	1525
	D	580	580	580
Inside volume of enclosure (m ³)		0,35	0,47	0,58
Average velocity (m/s) - inflow / downflow		0,45 / 0,30	0,45 / 0,30	0,45 / 0,30
Nominal voltage (volts)		220-240	220-240	220-240
Power input (watts)		291	289	333
Amps absorbed (Ampères)		2	2	2
Sound level dB(A) (without air flow)		58	59	59
Air flow volume (m ³) - Inflow / Downflow / Exhaust		270 / 563 / 270	356 / 741 / 356	440 / 916 / 440
Weight (kg)		125	150	160
Fluorescent lamp intensity (Lux)		1279	1404	1227

Standard equipments

Fluorescent lamp	included	included	included
Control system	included	included	included
HEPA filter	included	included	included

Optionnal equipments

HEPA filter replacement	ULP900	ULP1200	ULP1500
Tubular table (hauteur : 860 mm)	THF900	THF1200	THF1500

The manufacturer reserves the right to discontinue or change specifications or designs at any time without notice and without incurring obligations. 07/2015

Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods, filtering cabinets - Ventilation

Containment and Cans

Anti-fire equipments and File cabinets

Showers and first-aid equipments